



Make It Yours.

V650 GOLD
MPY-6501-AFAAGV

POWER UP



FEATURES

80 Plus Gold Certified : This certification guarantees a typical efficiency of 90% under normal operating conditions.

Performance Driven Topology : The half-bridge LLC resonant converter and DC-DC technology offer reliable and stable voltage outputs for safer, more reliable performance and higher efficiency.

Semi-Fanless Mode with Hybrid Switch : The 135mm FDB fan is semi-fanless up to 40% load and can be manually turned off with a hardware based hybrid switch.

Full-Modular Cabling : Modular cables reduce clutter, increase airflow, and improve overall efficiency and thermal performance.

16 AWG PCI-e Cables : The thicker 16 AWG PCI-e cables allow for higher currents, thereby improving both efficiency and safety.

10 Year Warranty : This unit comes with a standard limited manufacturing warranty of 10 years from the date of purchase.

PACKAGE INFORMATION

Cable Type	EAN	UPC
AU	4719512068731	884102041242
BR	4719512068748	884102041259
EU	4719512068717	884102041228
JP	4719512068762	884102041273
KR	4719512068755	884102041266
ST	4719512068724	884102041235
TW	4719512068618	884102041129
UK	4719512068687	884102041198
US	4719512068670	884102041181

Nett Weight	1.96 kg / 4.321 lb
Gross Weight	2.49 kg / 5.49 lb
Package Dimensions	303 x 202 x 125mm (11.93 x 7.95 x 4.92")
Carton Dimensions	520 x 318 x 238mm (20.47 x 12.52 x 9.37")
Unit / Carton	4 pcs
Carton / Pallet	24 pcs

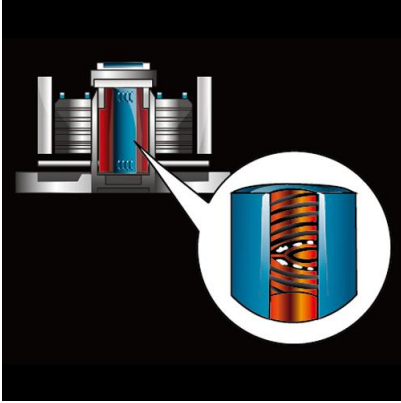
The V Gold offers the high quality user experience you've always wanted. Enjoy an 80 Plus Gold efficiency rating, full-modular cabling, semi-fanless operation, a 135mm FDB fan, 16AWG PCIe high efficiency cables, and a 10 year warranty. Improvements and innovations from the components to the cables deliver a power supply unit fit for any and every type of PC. The 100% Japanese capacitors, half-bridge LLC resonant convertor, and DC-DC circuitry deliver a product that even the pros can respect, at 550, 650, 750 and 850 watt levels.

SPECIFICATIONS

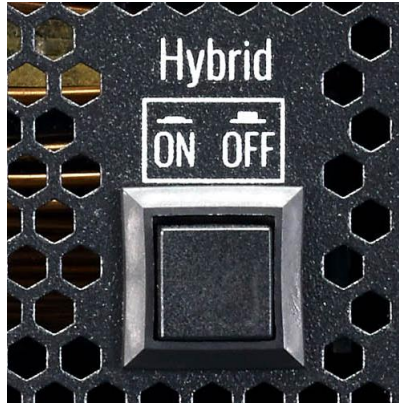
Product Name	V650 Gold	
Item Code	MPY-6501-AFAAGV	
ATX Version	ATX 12V	
PFC	Active PFC	
Input Voltage	100-240V	
Input Current	9-4.5A	
Input Frequency	50-60Hz	
Dimensions (L x W x H)	160 x 150 x 86mm	
Fan Size	135mm	
Fan Bearing	FDB	
Fan Speed	1500	
Noise @ 20%	0 dBA	
Noise @ 50%	18.3 dBA	
Noise @ 100%	32.1 dBA	
Efficiency	90% @ Typical Load	
80 PLUS Rating	80 PLUS Gold	
ErP 2014 Lot 3	Yes	
Operating Temperature	0-50°C	
Power Good Signal	100-500 ms	
Hold Up Time	17ms	
MTBF	>100,000 hours	
Protections	OVP / OPP / SCP / OCP / UVP / OTP	
Regulatory	CCC, CE, TUV-RH, RCM, EAC, cTUVus, FCC, BSMI, KC, CB	
Connectors	ATX 24 Pin	x1
	EPS 4+4 Pin	x1
	EPS 8 Pin	x1
	SATA	x8
	Peripheral 4 Pin	x4
	FDD	x1
	PCI-e 6+2 Pin	x4

AC INPUT	100-240V~ 9-4.5A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	20A	20A	54A	0.3A	3A
TOTAL POWER	130W		684W	3.6W	15W
	650W				

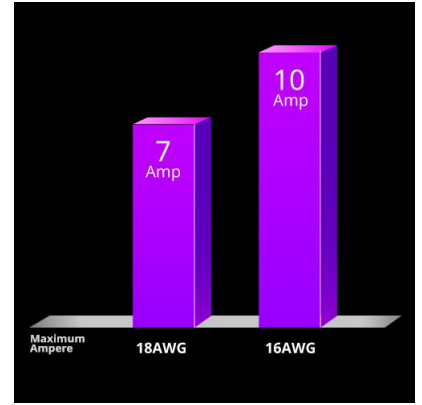
FEATURES



The FDB fan creates less friction, making it great for low RPM operations. This technology keeps the fan running smoothly and efficiently for longer.



The semi-fanless mode can be manually turned off with the built in analog hybrid switch.



The thicker 16 AWG PCI-e cables allow for higher currents, because they have a higher heat tolerance, thereby improving efficiency and safety.